Application No.: 10/590,642

Amendment Dated December 30, 2008 Reply to Office Action of October 2, 2008

Amendments to the Specification:

Please replace the paragraph, beginning at page 3, line 23, with the following rewritten paragraph:

Fig. $2\underline{A}$ shows a sectional view of another surface acoustic wave device in accordance with an embodiment of the present invention.

Please add the following <u>new</u> paragraphs after the paragraph ending on line 24 of page 3.

Fig. 2B shows a perspective view of a metal layer relative to a comb-shaped electrode of another surface acoustic wave device in accordance with an embodiment of the present invention.

Fig. 2C shows a perspective view of a metal layer relative to a comb-shaped electrode of yet another surface acoustic wave device in accordance with an embodiment of the present invention.

Please replace the paragraph, beginning at page 5, line 17, with the following rewritten paragraph:

Fig. $2\underline{A}$ shows a sectional view of another surface acoustic wave device in accordance with the embodiment of the present invention. The surface acoustic wave device shown in Fig. $2\underline{A}$ comprises the following elements:

Please replace the paragraph, beginning at page 6, line 1, with the following rewritten paragraph:

As shown in Fig. 2<u>A</u>, heat dissipating layer 17 made of metal is preferably formed on supporting layer 13 to be coupled electrically to conductive layer 16.

Please replace the paragraph, beginning at page 6, line 3, with the following rewritten paragraph:

The foregoing structure allows dissipating the heat generated at comb-shaped electrode 12 from dissipating layer 17 via metal layer 14 and conductive layer 16. As a result, the

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surface acoustic wave device shown in Fig. $2\underline{A}$ can improve the stability of electrical characteristics and withstand a greater electric power consumption. Electromagnetic shielding can be also improved.

Please replace the paragraph, beginning at page 6, line 13, with the following rewritten paragraph:

To overcome this problem, metal layer 14 is removed its metal in part on second principal face 32 of piezoelectric substrate 11 so that some parts of layer 14 having no metal are formed and metal layer 14 thus becomes striped pattern or meshed pattern. Figs. 2B and 2C show examples of metal layer 14 having a meshed pattern 14b and a striped pattern 14a, respectively. Figs. 2B and 2C also show an extension direction of comb-shaped electrode 12 relative to respective meshed pattern 14b and striped pattern 14a. This structure allows scattering the unnecessary bulk waves and reducing affect of the spurious components. As discussed above, metal layer 14 adhering to second principal face 32 of piezoelectric substrate 11 is removed its metal in part.

Please replace the paragraph, beginning at page 6, line 20, with the following rewritten paragraph:

In this case, the stripes <u>14a</u> or meshes <u>14b</u> of metal layer 14 preferably extend in the following direction: On the surface of piezoelectric substrate 11, the surface acoustic wave propagates along the direction at right <u>angels angles</u> to the extending direction of comb-shaped electrode 12. The extending direction of the stripes <u>14a</u> or meshes <u>14b</u> of metal layer 14 is preferably set somewhat between in parallel with or at right angles, namely, slanting with respect to the perpendicular direction to the extension of comb-shaped electrode 12. The extending direction of the stripes <u>14a</u> or meshes <u>14b</u> is thus preferably set as crossing with an underpass to the extension of comb-shaped electrode 12 with piezoelectric substrate 11 in between. This structure allows further reducing the affect of unnecessary bulk waves. The pitch of the stripes <u>14a</u> or meshes <u>14b</u> is preferably set an order of the wavelength of the surface acoustic wave, and yet use of plural pitches is preferable.